

ABSTRACT

In a data processing system having a primary site and a secondary site, storage systems are connected to each other via a communication line, data update history is recorded in a storage device as a journal in the primary site, and the journal is transferred to the secondary site via the communication line. During such transfer, loads will not concentrate to a specific volume, by switching the volume that stores the journal in the primary site, while, by switching the transfer-destination volume of the journal in the secondary site.

With such arrangement, in a data processing system, it is possible to ensure data consistency in a plurality of sites and prevent the system throughput capacity from being deteriorated without applying loads to a host and a network, and without causing load concentration on a specific storage device that is caused as a result of data update or recovery operations.